



10 TENTHS

100% PERFORMANCE



PREMIUM FULL SYNTHETIC 5W-50

100% PAO & Ester Full Synthetic Engine Oil

Issue: November 2016

PRODUCT CODE	PACK SIZE	CTN / QTY
FS5W50001	1 Litre	6
FS5W50005	5 Litre	4
FS5W50020	20 Litre	1
FS5W50205	205 Litre	1

Product Description

Premium 5 is a premium 100% PAO & Ester full synthetic SAE 5W-50, non friction modified, modern engine oil. It utilises premium synthetic base oil with a **FULL ZINC+** (exceeding 1800+ ppm levels) additive pack for the ultimate in engine protection and performance.

Premium 5 exceeds the requirements of API SN/CF, ACEA A3/B3 as well as many other manufacturers specifications.

Application

Premium 5 is for use in high performance modern engines for both on road and in competition applications. It is suitable for use in modern 4, 6 & 8+ cylinder, multi cam, multi-valve including VVT, naturally aspirated, supercharged & turbocharged engines. It can be used in high performance, modern engines for both competition and normal on road use in a wide range of vehicles.

Premium 5 is suitable for vehicles that specify the use of SAE 5W-40 or SAE 5W-50 viscosity engine oils in the owners handbook. It can also be used where the manufacturer requests API SN or where previous API specifications SM (2004-10), SL (2001-04), SJ are recommended and where ACEA A3/B3 is required. It is suitable for use in LPG and light duty diesel engines where API CF, ACEA A3/B3 is required or pre 2008 where ACEA A3/B4 is recommended. It is **NOT** suitable for use in diesels fitted with a DPF (Diesel Particulate Filter).

Premium 5 has been proven in race and competition conditions in engines requiring a high performance full synthetic engine oil. It is the product of choice for many competitors running competition vehicles in circuit & drag racing, rallying, drifting, hill climb, targa, time trials and regularity.

Premium 5 is suitable for use in four stroke motorcycles with wet clutches.

Vehicle and Fuel Types

Premium 5 is suitable for use in passenger car, light commercial, competition vehicles and motor cycles and it can be used with Petrol, LPG, E10, E85 (Racing & Competition only), diesel (without DPF), avgas, nitro, methanol & other conventional fuels.

Product Benefits

- Blended using 100% **PAO** (Poly Alpha Olefin – Group IV) and **ESTER** (Group V) full synthetic base oils for maximum heat resistance and high performance
- ***FULL ZINC +** anti-wear additive package for ultimate engine wear protection
- **LATEST** oil specification technology exceeding petrol **API SN** for maximum wear protection, minimum sludge formation & reduced piston deposits
- Competition proven and trusted for performance engines
- Longer engine life by reducing formation of high temperature engine deposits
- Reduced oil consumption due to use of highly specialised, ultra-pure, low volatility synthetic base oils
- Non-friction modified so can be used in motorcycles with wet clutches
- Very fast flow at start-up combined with full-bodied high temperature protection

PENRITE



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Industry Specifications

API SN/CF
ACEA A3/B3
JASO MA

Manufacturer Specifications

BMW LL-98
MB 229.1
VW 502.00 / 505.00

Typical Data

Viscosity, Kinematic, cSt	
at 40°C	113
at 100°C	18.5
Viscosity Index	184
Viscosity, Cold Cranking, cP @ -30°C	5382
Ca content, mass %	0.296
B content, mass %	0.063
Zn content, mass %	0.124
Base Number	9.8

*Full Zinc + = Zinc level + Boron level combined as a total anti-wear package

Information in this sheet is based on recent production. Minor variations to typical properties are expected in normal manufacture and do not affect product performance. An MSDS is available on request.



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